

OXYGEN-SENSITIVE FILM

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Abstract of JP2003012938

PROBLEM TO BE SOLVED: To provide an oxygen-sensitive film having excellent luminous intensity and/or pressure sensitivity.

SOLUTION: The oxygen-sensitive film-forming composition comprises an oxygen-quenching molecule, a polymer compound having a metalloxane bond and bearing a hydrophobic functional group, and a particulate matter. The particulate matter is caused to exist in the matrix of the polymer compound. In other words, the matrix conventional single and uniform is made complex and is positively caused to have a non-uniform site. Thus, luminous intensity and pressure sensitivity change according to the degree of non-uniformity of the matrix resulting in enhancement of luminous intensity and pressure sensitivity.